

Precision N Female to N Female Adapter



## RF Adapters Technical Data Sheet

ET12491

## Configuration

- N Female Connector 1
- N Female Connector 2
- 50 Ohm

- Precision Design
- Straight Body Geometry

#### Features

- Max VSWR of 1.15:1 up to 18 GHz
- Contact plating according to MIL-G-45204
- Gold over Nickel Plated Beryllium Copper Contact

## Applications

General Purpose Test

• Precision Test & Measurement

#### Description

Ebeestock's ET12491 type N female to type N female adapter is part of our full line of RF components available for same-day shipping. Our type N to type N adapter has a female to female gender configuration built of durable stainless steel in a precision design. ET12491 type N female to type N female adapter operates to 18 GHz. The Ebeestock RF adapter provides excellent VSWR of 1.15:1 maximum.

RF adapters are often used to enable connections between two connector types that would otherwise not mate. Certain adapter configurations can also be used to protect connectors on expensive equipment where the number of connect/disconnect cycles is high. An RF, microwave or millimeter wave adapter is connected to the equipment, and the commonly changed connection is made with the adapter which can be easily replaced when it wears out after high usage; such adapters are referred to as connector savers. Ebeestock also offers bulkhead, panel mount, hermetically sealed, reverse polarity, and isolated ground adapter varieties to serve all of your RF, microwave and millimeter wave needs.

### **Electrical Specifications**

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		18	GHz
VSWR			1.15:1	
Operating Voltage (AC)			1,000	Vrms
Dielectric Withstanding Voltage (AC)			2,500	Vrms
Insulation Resistance	5,000			MOhms

### Mechanical Specifications

Size

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Precision N Female to N Female Adapter ET12491

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Description	Connector 1	Connector 2
Type	N Female	N Female
Polarity	Standard	Standard
Mating Cycles	500	500

### Material Specifications

	Connect	Connector 1		Connector 2	
Descript	tion Material	Plating	Material	Plating	
Туре	N Female		N Female		
Contact Berylliur	Beryllium Copper	Gold over Nickel	Beryllium Copper	Gold over Nickel	
		MIL-G-45204		MIL-G-45204	
Insulation	Noryl		Noryl		
Outer Conduc	ctor Passivated Stainless Steel		Passivated Stainless Steel		
		QQ-S-764		QQ-S-764	
Body	Passivated Stainless Steel		Passivated Stainless Steel		
		QQ-S-764		QQ-S-764	

## Environmental Specifications

Temperature

Operating Range

-65 to +125 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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Precision N Female to N Female Adapter from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Precision N Female to N Female Adapter ET12491

URL: https://www.ebeestock.com/precision-n-female-to-n-female-adapter-0012491

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Ebeestock reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Ebeestock does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Ebeestock does not assume any liability arising out of the use of any part or documentation.

